

=====

Sequence Listing was accepted.

If you need help call the Patent Electronic Business Center at (866)  
217-9197 (toll free).

Reviewer: Anne Corrigan

Timestamp: [year=2008; month=1; day=18; hr=13; min=49; sec=39; ms=10; ]

=====

Application No: 10578552 Version No: 1.0

**Input Set:**

**Output Set:**

**Started:** 2008-01-18 11:20:16.347  
**Finished:** 2008-01-18 11:20:18.552  
**Elapsed:** 0 hr(s) 0 min(s) 2 sec(s) 205 ms  
**Total Warnings:** 40  
**Total Errors:** 0  
**No. of SeqIDs Defined:** 40  
**Actual SeqID Count:** 40

Error code	Error Description
W 213	Artificial or Unknown found in <213> in SEQ ID (1)
W 213	Artificial or Unknown found in <213> in SEQ ID (2)
W 213	Artificial or Unknown found in <213> in SEQ ID (3)
W 213	Artificial or Unknown found in <213> in SEQ ID (4)
W 213	Artificial or Unknown found in <213> in SEQ ID (5)
W 213	Artificial or Unknown found in <213> in SEQ ID (6)
W 213	Artificial or Unknown found in <213> in SEQ ID (7)
W 213	Artificial or Unknown found in <213> in SEQ ID (8)
W 213	Artificial or Unknown found in <213> in SEQ ID (9)
W 213	Artificial or Unknown found in <213> in SEQ ID (10)
W 213	Artificial or Unknown found in <213> in SEQ ID (11)
W 213	Artificial or Unknown found in <213> in SEQ ID (12)
W 213	Artificial or Unknown found in <213> in SEQ ID (13)
W 213	Artificial or Unknown found in <213> in SEQ ID (14)
W 213	Artificial or Unknown found in <213> in SEQ ID (15)
W 213	Artificial or Unknown found in <213> in SEQ ID (16)
W 213	Artificial or Unknown found in <213> in SEQ ID (17)
W 213	Artificial or Unknown found in <213> in SEQ ID (18)
W 213	Artificial or Unknown found in <213> in SEQ ID (19)
W 213	Artificial or Unknown found in <213> in SEQ ID (20)

**Input Set:**

**Output Set:**

**Started:** 2008-01-18 11:20:16.347  
**Finished:** 2008-01-18 11:20:18.552  
**Elapsed:** 0 hr(s) 0 min(s) 2 sec(s) 205 ms  
**Total Warnings:** 40  
**Total Errors:** 0  
**No. of SeqIDs Defined:** 40  
**Actual SeqID Count:** 40

Error code	Error Description
	This error has occurred more than 20 times, will not be displayed

SEQUENCE LISTING

<110> Deiman, Briget Alberta Louisa Maria  
Strijp, Arnoldina Margaretha Wilhelmina

<120> METHOD FOR AMPLIFICATION OF RNA SEQUENCES

<130> 9310-152

<140> 10578552

<141> 2008-01-18

<150> PCT/EP2004/012190

<151> 2004-10-27

<150> EP 03078568.7

<151> 2003-11-14

<160> 40

<170> PatentIn version 3.3

<210> 1

<211> 54

<212> DNA

<213> Artificial

<220>

<223> Synthetic oligonucleotide primer

<400> 1

aattctaata cgactcacta tagggtgcta tgtcacttcc ccttggttct ctca

54

<210> 2

<211> 29

<212> DNA

<213> Artificial

<220>

<223> Synthetic oligonucleotide primer

<400> 2

agtgggggga catcaagcag ccatgcaaa

29

<210> 3

<211> 21

<212> DNA

<213> Artificial

<220>

<223> Synthetic oligonucleotide primer

<400> 3

agtgggggga catcaagcag c

21

<210> 4  
<211> 46  
<212> DNA  
<213> Artificial

<220>  
<223> Synthetic oligonucleotide primer

<400> 4  
aattctaata cgactcacta tagggaaacg ggcacgagct ctctca 46

<210> 5  
<211> 68  
<212> DNA  
<213> Artificial

<220>  
<223> Synthetic oligonucleotide primer

<400> 5  
tgctatgtca cttcccttg gtaattctaa tacgactcac tataggaaa cgggcacgag 60  
ctctctca 68

<210> 6  
<211> 66  
<212> DNA  
<213> Artificial

<220>  
<223> Synthetic oligonucleotide primer

<400> 6  
ctatgtcact tcccccttggt aattctaata cgactcacta tagggaaacg ggcacgagct 60  
ctctca 66

<210> 7  
<211> 63  
<212> DNA  
<213> Artificial

<220>  
<223> Synthetic oligonucleotide primer

<400> 7  
tgtcacttcc ccttggtaat tctaatacga ctcactatag ggaaacgggc acgagctctc 60  
tca 63

<210> 8

<211> 60  
<212> DNA  
<213> Artificial

<220>  
<223> Synthetic oligonucleotide primer

<400> 8  
cacttccctt tggtaattct aatacgactc actataggga aacgggcacg agctctctca 60

<210> 9  
<211> 58  
<212> DNA  
<213> Artificial

<220>  
<223> Synthetic oligonucleotide primer

<400> 9  
cttcccccttg gtaattctaa tacgactcac tataggaaa cgggcacgag ctctctca 58

<210> 10  
<211> 55  
<212> DNA  
<213> Artificial

<220>  
<223> Synthetic oligonucleotide primer

<400> 10  
ccccttggta attctaatac gactcactat agggaaacgg gcacgagctc tctca 55

<210> 11  
<211> 53  
<212> DNA  
<213> Artificial

<220>  
<223> Synthetic oligonucleotide primer

<400> 11  
ccttggtaat tctaatacga ctcactatacg ggaaacgggc acgagctctc tca 53

<210> 12  
<211> 60  
<212> DNA  
<213> Artificial

<220>  
<223> Synthetic oligonucleotide primer

<220>

```
<221> misc_feature
<222> (6)..(9)
<223> 2'-O-Methyl nucleotides

<220>
<221> misc_feature
<222> (11)..(14)
<223> 2'-O-Methyl nucleotides

<400> 12
cacttccctt tggttaattct aatacgactc actataggga aacgggcacg agctctctca      60
```

```
<210> 13
<211> 58
<212> DNA
<213> Artificial

<220>
<223> Synthetic oligonucleotide primer
```

```
<220>
<221> misc_feature
<222> (4)..(7)
<223> 2'-O-Methyl nucleotides

<220>
<221> misc_feature
<222> (9)..(12)
<223> 2'-O-Methyl nucleotides

<400> 13
cttccccttg gtaattctaa tacgactcac tataggaaa cgggcacgag ctctctca      58
```

```
<210> 14
<211> 58
<212> DNA
<213> Artificial

<220>
<223> Synthetic oligonucleotide primer
```

```
<220>
<221> misc_feature
<222> (1)..(1)
<223> 2'-O-Methyl oligonucleotide
```

```
<220>
<221> misc_feature
<222> (4)..(7)
<223> 2'-O-Methyl oligonucleotides
```

```
<220>
<221> misc_feature
```

<222> (10)..(11)

<223> 2'-O-Methyl oligonucleotides

<400> 14

cttccccttg gtaattctaa tacgactcac tatagggaaa cgggcacgag ctctctca

58

<210> 15

<211> 55

<212> DNA

<213> Artificial

<220>

<223> Synthetic oligonucleotide primer

<220>

<221> misc\_feature

<222> (1)..(4)

<223> 2'-O-Methyl nucleotides

<220>

<221> misc\_feature

<222> (6)..(6)

<223> 2'-O-Methyl nucleotides

<400> 15

ccccttggta attctaatac gactcactat agggaaacgg gcacgagctc tctca

55

<210> 16

<211> 55

<212> DNA

<213> Artificial

<220>

<223> Synthetic oligonucleotide primer

<220>

<221> misc\_feature

<222> (1)..(4)

<223> 2'-O-methyl nucleotides

<220>

<221> misc\_feature

<222> (7)..(8)

<223> 2'-O-methyl nucleotides

<400> 16

ccccttggta attctaatac gactcactat agggaaacgg gcacgagctc tctca

55

<210> 17

<211> 53

<212> DNA

<213> Artificial

<220>  
<223> Synthetic oligonucleotide primer

<220>  
<221> misc\_feature  
<222> (1)..(7)  
<223> 2'-O-Methyl nucleotides

<400> 17  
ccttggtaat tctaatacga ctcactatag ggaaacgggc acgagctctc tca

53

<210> 18  
<211> 53  
<212> DNA  
<213> Artificial

<220>  
<223> Synthetic oligonucleotide primer

<220>  
<221> misc\_feature  
<222> (1)..(2)  
<223> 2'-O-Methyl nucleotides

<220>  
<221> misc\_feature  
<222> (4)..(7)  
<223> 2'-O-Methyl nucleotides

<400> 18  
ccttggtaat tctaatacga ctcactatag ggaaacgggc acgagctctc tca

53

<210> 19  
<211> 53  
<212> DNA  
<213> Artificial

<220>  
<223> Synthetic oligonucleotide primer

<220>  
<221> misc\_feature  
<222> (1)..(4)  
<223> LNA nucleotides

<220>  
<221> misc\_feature  
<222> (7)..(7)  
<223> LNA nucleotide

<400> 19

ccttggtaat tctaatacga ctcactatacg ggaaacgggc acgagctctc tca

53

<210> 20

<211> 53

<212> DNA

<213> Artificial

<220>

<223> Synthetic oligonucleotide primer

<220>

<221> misc\_feature

<222> (3)..(7)

<223> LNA nucleotides

<400> 20

ccttggtaat tctaatacga ctcactatacg ggaaacgggc acgagctctc tca

53

<210> 21

<211> 53

<212> DNA

<213> Artificial

<220>

<223> Synthetic oligonucleotide primer

<220>

<221> misc\_feature

<222> (1)..(2)

<223> LNA nucleotides

<220>

<221> misc\_feature

<222> (5)..(6)

<223> LNA nucleotides

<400> 21

ccttggtaat tctaatacga ctcactatacg ggaaacgggc acgagctctc tca

53

<210> 22

<211> 53

<212> DNA

<213> Artificial

<220>

<223> Synthetic oligonucleotide primer

<220>

<221> misc\_feature

<222> (1)..(1)

<223> LNA nucleotide

<220>  
<221> misc\_feature  
<222> (3)..(3)  
<223> LNA nucleotide

<220>  
<221> misc\_feature  
<222> (5)..(5)  
<223> LNA nucleotide

<220>  
<221> misc\_feature  
<222> (7)..(7)  
<223> LNA nucleotide

<400> 22  
ccttggtaat tctaatacga ctcactatag ggaaacgggc acgagctctc tca 53

<210> 23  
<211> 60  
<212> DNA  
<213> Artificial

<220>  
<223> Synthetic oligonucleotide primer

<220>  
<221> misc\_feature  
<222> (1)..(14)  
<223> PNA anchor

<400> 23  
cacttccctt tggttaattct aatacgactc actataggga aacgggcacg agctctctca 60

<210> 24  
<211> 58  
<212> DNA  
<213> Artificial

<220>  
<223> Synthetic oligonucleotide primer

<220>  
<221> misc\_feature  
<222> (1)..(12)  
<223> PNA anchor

<400> 24  
cttcccttg gtaattctaa tacgactcac tatagggaaa cgggcacgag ctctctca 58

<210> 25

<211> 55  
<212> DNA  
<213> Artificial

<220>  
<223> Synthetic oligonucleotide primer

<220>  
<221> misc\_feature  
<222> (1)..(9)  
<223> PNA anchor

<400> 25  
ccccttggtta attctaatac gactcactat agggaaacgg gcacgagctc tctca 55

<210> 26  
<211> 53  
<212> DNA  
<213> Artificial

<220>  
<223> Synthetic oligonucleotide primer

<220>  
<221> misc\_feature  
<222> (1)..(7)  
<223> PNA anchor

<400> 26  
ccttggttaat tctaatacga ctcactatag ggaaacgggc acgagctctc tca 53

<210> 27  
<211> 46  
<212> DNA  
<213> Artificial

<220>  
<223> Synthetic oligonucleotide primer

<400> 27  
agtggggggga catcaagcag ccgacttcag gacttcagga tgcaaa 46

<210> 28  
<211> 42  
<212> DNA  
<213> Artificial

<220>  
<223> Synthetic oligonucleotide primer

<400> 28  
gggggacatc aagcagccga cttcaggact tcaggatgca aa 42

<210> 29  
<211> 40  
<212> DNA  
<213> Artificial

<220>  
<223> Synthetic oligonucleotide primer

<400> 29  
gggacatcaa gcagccgact tcaggacttc aggatgcaaa 40

<210> 30  
<211> 38  
<212> DNA  
<213> Artificial

<220>  
<223> Synthetic oligonucleotide primer

<400> 30  
gacatcaagc agccgacttc aggacttcag gatgcaaa 38

<210> 31  
<211> 38  
<212> DNA  
<213> Artificial

<220>  
<223> Synthetic oligonucleotide primer

<400> 31  
agtgggggga catcgacttc aggacttcag gaagcagc 38

<210> 32  
<211> 38  
<212> DNA  
<213> Artificial

<220>  
<223> Synthetic oligonucleotide probe

<220>  
<221> misc\_feature  
<222> (1)..(1)  
<223> 5' FAM label

<220>  
<221> misc\_feature  
<222> (18)..(18)  
<223> n is inosine

<220>  
<221> misc\_feature  
<222> (27)..(27)  
<223> n is inosine

<220>  
<221> misc\_feature  
<222> (38)..(38)  
<223> 3' dabcyl label

<400> 32  
gcatgcata atgaggangc tgcagantgg gagcatgc 38

<210> 33  
<211> 46  
<212> DNA  
<213> Artificial

<220>  
<223> Synthetic oligonucleotide primer

<400> 33  
aattctata cgactcacta tagggcaagc accctatcag gcagta 46

<210> 34  
<211> 20  
<212> DNA  
<213> Artificial

<220>  
<223> Synthetic oligonucleotide primer

<400> 34  
gtctagccat ggcgttagta 20

<210> 35  
<211> 60  
<212> DNA  
<213> Artificial

<220>  
<223> Synthetic oligonucleotide primer

<400> 35  
caagcacccat atcaaattct aatacgactc actataggga agagggcacg agcggcagta 60

<210> 36  
<211> 60  
<212> DNA  
<213> Artificial

<220>  
<223> Synthetic oligonucleotide primer

<400> 36  
tcgcaagcac cctaaattct aatacgactc actataggga agagggcacg agcggcagta 60

<210> 37  
<211> 60  
<212> DNA  
<213> Artificial

<220>  
<223> Synthetic oligonucleotide primer

<400> 37  
caagcacccct atcaaattct aatacgactc actataggga agagggcacg agcggcagta 60

<210> 38  
<211> 34  
<212> DNA  
<213> Artificial

<220>  
<223> Synthetic oligonucleotide probe

<220>  
<221> misc\_feature  
<222> (1)..(1)  
<223> 5" FAM label

<220>  
<221> misc\_feature  
<222> (25)..(25)  
<223> n is inosine

<220>  
<221> misc\_feature  
<222> (34)..(34)  
<223> 3' dabcyt label

<400> 38  
gctagcattt gggcggtgcccc ccgcnagagc tagc 34

<210> 39  
<211> 14  
<212> DNA  
<213> Artificial

<220>  
<223> Synthetic primer transcription enhancing sequence

<400> 39  
aaacgggcac gagc 14

<210> 40  
<211> 17  
<212> DNA  
<213> Artificial

<220>  
<223> Synthetic primer amplification enhancing sequence

<400> 40  
gacttcagga cttcagg

17